

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1653HXP

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 FEB 27 New STN AnaVist pricing effective March 1, 2006
NEWS 4 APR 04 STN AnaVist \$500 visualization usage credit offered
NEWS 5 MAY 10 CA/Caplus enhanced with 1900-1906 U.S. patent records
NEWS 6 MAY 11 KOREAPAT updates resume
NEWS 7 MAY 19 Derwent World Patents Index to be reloaded and enhanced
NEWS 8 MAY 30 IPC 8 Rolled-up Core codes added to CA/Caplus and
USPATFULL/USPAT2
NEWS 9 MAY 30 The F-Term thesaurus is now available in CA/Caplus
NEWS 10 JUN 02 The first reclassification of IPC codes now complete in
INPADOC
NEWS 11 JUN 26 TULSA/TULSA2 reloaded and enhanced with new search and
and display fields
NEWS 12 JUN 28 Price changes in full-text patent databases EPFULL and PCTFULL
NEWS 13 JUL 11 CHEMSAFE reloaded and enhanced
NEWS 14 JUL 14 FSTA enhanced with Japanese patents
NEWS 15 JUL 19 Coverage of Research Disclosure reinstated in DWPI
NEWS 16 AUG 09 INSPEC enhanced with 1898-1968 archive
NEWS 17 AUG 28 ADISCTI Reloaded and Enhanced

NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8
NEWS X25 X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN Customer
agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:57:29 ON 28 AUG 2006

=> file medline, uspatful,wpids, fsta, jicst, biosis

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'MEDLINE' ENTERED AT 15:58:16 ON 28 AUG 2006

FILE 'USPATFULL' ENTERED AT 15:58:16 ON 28 AUG 2006
CA INDEXING COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'WPIDS' ENTERED AT 15:58:16 ON 28 AUG 2006
COPYRIGHT (C) 2006 THE THOMSON CORPORATION

FILE 'FSTA' ENTERED AT 15:58:16 ON 28 AUG 2006
COPYRIGHT (C) 2006 International Food Information Service

FILE 'JICST-EPLUS' ENTERED AT 15:58:16 ON 28 AUG 2006
COPYRIGHT (C) 2006 Japan Science and Technology Agency (JST)

FILE 'BIOSIS' ENTERED AT 15:58:16 ON 28 AUG 2006
Copyright (c) 2006 The Thomson Corporation

=> s gene and polyketide
L1 2756 GENE AND POLYKETIDE

=> s l1 and (mutation)
L2 790 L1 AND (MUTATION)

=> s l2 and (synthetic gene)
L3 77 L2 AND (SYNTHETIC GENE)

=> s l4 and (deleted restriction site)
L4 NOT FOUND
The L-number entered could not be found. To see the definition
of L-numbers, enter DISPLAY HISTORY at an arrow prompt (=>).

=> s l3 and (deleted restriction site)
L4 0 L3 AND (DELETED RESTRICTION SITE)

=> s l3 and (no restriction site)
L5 31 L3 AND (NO RESTRICTION SITE)

=> s l3 and (mutated restriction site)
L6 0 L3 AND (MUTATED RESTRICTION SITE)

=> s l5 and (AT or ACP or KS or KR or DH or ER or TE)
L7 27 L5 AND (AT OR ACP OR KS OR KR OR DH OR ER OR TE)

=> s l7 and (SpeI or MfeI or Bsi WI)
L8 10 L7 AND (SPEI OR MFEI OR BSI WI)

=> d l8 ti abs ibib tot

L8 ANSWER 1 OF 10 USPATFULL on STN
TI Delta-8 desaturase and its use in making polyunsaturated fatty acids
AB Isolated nucleic acid fragments and recombinant constructs comprising
such fragments encoding a delta-8 desaturase along with a method of
making long chain polyunsaturated fatty acids (PUFAs) using this delta-8
desaturase in plants and oleaginous yeast.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:330671 USPATFULL

TITLE: Delta-8 desaturase and its use in making
polyunsaturated fatty acids

INVENTOR(S): Damude, Howard Glenn, Hockessin, DE, UNITED STATES
Zhu, Quinn Qun, West Chester, PA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005287652	A1	20051229
APPLICATION INFO.:	US 2005-166993	A1	20050624 (11)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-583041P	20040625 (60)
	US 2004-624812P	20041104 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	E I DU PONT DE NEMOURS AND COMPANY, LEGAL PATENT RECORDS CENTER, BARLEY MILL PLAZA 25/1128, 4417 LANCASTER PIKE, WILMINGTON, DE, 19805, US	
NUMBER OF CLAIMS:	22	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	10 Drawing Page(s)	
LINE COUNT:	6751	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L8 ANSWER 2 OF 10 USPATFULL on STN
 TI Synthetic genes
 AB The invention provides strategies, methods, vectors, reagents, and systems for production of synthetic genes, production of libraries of such genes, and manipulation and characterization of the genes and corresponding encoded polypeptides. In one aspect, the synthetic genes can encode polyketide synthase polypeptides and facilitate production of therapeutically or commercially important polyketide compounds.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 ACCESSION NUMBER: 2005:261292 USPATFULL
 TITLE: Synthetic genes
 INVENTOR(S): Santi, Daniel, San Francisco, CA, UNITED STATES
 Kodumal, Sarah J., Oakland, CA, UNITED STATES
 Reid, Ralph C., San Rafael, CA, UNITED STATES
 Patel, Kedar G., Palo Alto, CA, UNITED STATES
 PATENT ASSIGNEE(S): Kosan Biosciences, Inc., Hayward, CA, UNITED STATES
 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005227316	A1	20051013
APPLICATION INFO.:	US 2004-820975	A1	20040407 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	TOWNSEND AND TOWNSEND AND CREW, LLP, TWO EMBARCADERO CENTER, EIGHTH FLOOR, SAN FRANCISCO, CA, 94111-3834, US		
NUMBER OF CLAIMS:	30		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	33 Drawing Page(s)		
LINE COUNT:	7394		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L8 ANSWER 3 OF 10 USPATFULL on STN
 TI Synthetic genes
 AB The invention provides strategies, methods, vectors, reagents, and systems for production of synthetic genes, production of libraries of such genes, and manipulation and characterization of the genes and corresponding encoded polypeptides. In one aspect, the synthetic genes can encode polyketide synthase polypeptides and facilitate production of therapeutically or commercially important polyketide compounds.

Applicant

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:215459 USPATFULL
TITLE: Synthetic genes
INVENTOR(S): Santi, Daniel V., San Francisco, CA, UNITED STATES
Reid, Ralph C., San Rafael, CA, UNITED STATES
Kodumal, Sarah J., Oakland, CA, UNITED STATES
Jayaraj, Sebastian, Berkeley, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004166567	A1	20040826
APPLICATION INFO.:	US 2003-672396	A1	20030926 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-414085P	20020926 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	MORRISON & FOERSTER LLP, 755 PAGE MILL RD, PALO ALTO, CA, 94304-1018	
NUMBER OF CLAIMS:	64	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	29 Drawing Page(s)	
LINE COUNT:	7903	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 4 OF 10 USPATFULL on STN
TI Fermentative carotenoid production
AB Novel proteins of microorganism E-396 (FERM BP-4283) and the DNA sequences which encode these proteins have been discovered to provide an improved biosynthetic pathway from farnesyl pyrophosphate and isopentyl pyrophosphate to various carotenoids, especially zeaxanthin, astaxanthin, adonixanthin and canthaxanthin.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:76632 USPATFULL
TITLE: Fermentative carotenoid production
INVENTOR(S): Pasamontes, Luis, Trimbach, SWITZERLAND
Tsygankov, Yuri, Moscow, RUSSIAN FEDERATION
PATENT ASSIGNEE(S): ROCHE VITAMINS, INC. (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004058410	A1	20040325
	US 7063956	B2	20060620
APPLICATION INFO.:	US 2003-695980	A1	20031029 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2001-920923, filed on 2 Aug 2001, GRANTED, Pat. No. US 6677134 Division of Ser. No. US 1997-980832, filed on 1 Dec 1997, GRANTED, Pat. No. US 6291204		

	NUMBER	DATE
PRIORITY INFORMATION:	EP 1996-810839	19961202
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Stephen M. Haracz, BRYAN CAVE LLP, 1290 Avenue of the Americas, New York, NY, 10104-3300	
NUMBER OF CLAIMS:	19	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	87 Drawing Page(s)	
LINE COUNT:	3614	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 5 OF 10 USPATFULL on STN
TI Fermentative carotenoid production
AB Novel proteins of microorganism E-396 (FERM BP-4283) and the DNA sequences which encode these proteins have been discovered to provide an improved biosynthetic pathway from farnesyl pyrophosphate and isopentyl pyrophosphate to various carotenoids, especially zeaxanthin, astaxanthin, adonixanthin and canthaxanthin.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:30326 USPATFULL
TITLE: Fermentative carotenoid production
INVENTOR(S): Pasamontes, Luis, Trimbach, SWITZERLAND
Tsygankov, Yuri, Moscow, RUSSIAN FEDERATION
PATENT ASSIGNEE(S): ROCHE VITAMINS INC. (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003022273	A1	20030130
	US 6677134	B2	20040113
APPLICATION INFO.:	US 2001-920923	A1	20010802 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1997-980832, filed on 1 Dec 1997, GRANTED, Pat. No. US 6291204		

	NUMBER	DATE
PRIORITY INFORMATION:	EP 1996-810839	19961202
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Stephen M. Haracz, Esq., Bryan Cave, LLP, 245 Park Avenue, New York, NY, 10167-0034	
NUMBER OF CLAIMS:	19	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	87 Drawing Page(s)	
LINE COUNT:	3695	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 6 OF 10 USPATFULL on STN
TI Fermentative carotenoid production
AB Novel proteins of Flavobacterium sp. R1534 and the DNA sequences which encode these proteins are disclosed which provide an improved biosynthetic pathway from farnesyl pyrophosphate and isopentyl pyrophosphate to various carotenoid precursors and carotenoids, especially β -carotene, lycopene, zeaxanthin and cantaxanthin.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:266486 USPATFULL
TITLE: Fermentative carotenoid production
INVENTOR(S): Hohmann, Hans-Peter, Freiburg, GERMANY, FEDERAL REPUBLIC OF
Pasamontes, Luis, Trimbach, SWITZERLAND
Tessier, Michel, Mulhouse, FRANCE
van Loon, Adolphus, Rheinfelden, SWITZERLAND

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002147371	A1	20021010
	US 6613543	B2	20030902
APPLICATION INFO.:	US 2000-547267	A1	20000411 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1999-298718, filed on 23 Apr 1999, PATENTED Division of Ser. No. US 1996-660645, filed on 7 Jun 1996, PATENTED		

	NUMBER	DATE
	-----	-----
PRIORITY INFORMATION:	EP 1995-108888	19950609
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Stephen M. Haracz Esq., BRYAN CAVE LLP, 245 PARK AVENUE, NEW YORK, NY, 10167-0034	
NUMBER OF CLAIMS:	128	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	91 Drawing Page(s)	
LINE COUNT:	2635	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L8 ANSWER 7 OF 10 USPATFULL on STN
 TI Fermentative carotenoid production
 AB Novel proteins of microorganism E-396 (FERM BP-4283) and the DNA sequences which encode these proteins have been discovered to provide an improved biosynthetic pathway from farnesyl pyrophosphate and isopentyl pyrophosphate to various carotenoids, especially zeaxanthin, astaxanthin, adonixanthin and canthaxanthin.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 ACCESSION NUMBER: 2001:158036 USPATFULL
 TITLE: Fermentative carotenoid production
 INVENTOR(S): Pasamontes, Luis, Trimbach, Switzerland
 Tsygankov, Yuri, Moscow, Russian Federation
 PATENT ASSIGNEE(S): Roche Vitamins Inc., Parsippany, NJ, United States (U.S. corporation)

	NUMBER	KIND	DATE
	-----	-----	-----
PATENT INFORMATION:	US 6291204	B1	20010918
APPLICATION INFO.:	US 1997-980832		19971201 (8)

	NUMBER	DATE
	-----	-----
PRIORITY INFORMATION:	EP 1996-810839	19961202
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Nashed, Nashaat T.	
LEGAL REPRESENTATIVE:	Haracz, Stephen M., Hooper, Kevin C. Bryan Cave LLP	
NUMBER OF CLAIMS:	3	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	88 Drawing Figure(s); 87 Drawing Page(s)	
LINE COUNT:	2291	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L8 ANSWER 8 OF 10 USPATFULL on STN
 TI Fermentative carotenoid production
 AB Novel proteins of Flavobacterium sp. R1534 and the DNA sequences which encode these proteins are disclosed which provide an improved biosynthetic pathway from farnesyl pyrophosphate and isopentyl pyrophosphate to various carotenoid precursors and carotenoids, especially β -carotene, lycopene, zeaxanthin and cantaxanthin.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 ACCESSION NUMBER: 2001:43967 USPATFULL
 TITLE: Fermentative carotenoid production
 INVENTOR(S): Hohmann, Hans-Peter, Frieberg, Germany, Federal Republic of
 Pasamontes, Luis, Trimbach, Switzerland
 Tessier, Michel, Mulhouse, France

PATENT ASSIGNEE(S): van Loon, Adolphus, Rheinfelden, Switzerland
Roche Vitamins Inc., Parsippany, NJ, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6207409	B1	20010327
APPLICATION INFO.:	US 2000-546969		20000411 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1999-298718, filed on 23 Apr 1999, now patented, Pat. No. US 6124113 Division of Ser. No. US 1996-660645, filed on 7 Jun 1996, now patented, Pat. No. US 6087152		

	NUMBER	DATE
PRIORITY INFORMATION:	EP 1995-108888	19950609
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Nashed, Nashaat T.	
LEGAL REPRESENTATIVE:	Waddell, Mark E., Haracz, Stephen M. Bryan Cave LLP	
NUMBER OF CLAIMS:	24	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	93 Drawing Figure(s); 92 Drawing Page(s)	
LINE COUNT:	2176	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L8 ANSWER 9 OF 10 USPATFULL on STN
TI Fermentative carotenoid production
AB Novel proteins of Flavobacterium sp. R1534 and the DNA sequences which encode these proteins are disclosed which provide an improved biosynthetic pathway from farnesyl pyrophosphate and isopentyl pyrophosphate to various carotenoid precursors and carotenoids, especially β -carotene, lycopene, zeaxanthin and cantaxanthin. Processes are also provided for preparing zeaxanthin by culturing a transformed host cell containing an expression cassette that includes a polynucleotide having a DNA sequence which encodes the GGPP synthase of Flavobacterium sp. R1534 (crtE), the prephytoene synthase of Flavobacterium sp. R1534 (crtB), the phytoene desaturase of Flavobacterium sp. R1534 (crtI), the lycopene cyclase of Flavobacterium sp. R1534 (crtY), or the β -carotene hydroxylase of Flavobacterium sp. R1534 (crtZ). The polynucleotide is substantially free of other polynucleotides of Flavobacterium sp. R1534. The process further includes isolating the zeaxanthin from such cells or the culture medium.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2000:128147 USPATFULL
TITLE: Fermentative carotenoid production
INVENTOR(S): Hohmann, Hans-Peter, Freiburg, Germany, Federal Republic of
Pasamontes, Luis, Trimbach, Switzerland
Tessier, Michel, Mulhouse, France
van Loon, Adolphus, Rheinfelden, Switzerland
PATENT ASSIGNEE(S): Roche Vitamins Inc., Nutley, NJ, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6124113		20000926
APPLICATION INFO.:	US 1999-298718		19990423 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1996-660645, filed on 7 Jun 1996		

NUMBER	DATE
--------	------

 PRIORITY INFORMATION: EP 1995-108888 19950609
 DOCUMENT TYPE: Utility
 FILE SEGMENT: Granted
 PRIMARY EXAMINER: Nashed, Nashaat
 LEGAL REPRESENTATIVE: Waddell, Mark E., Haracz, Stephen M. Bryan Cave LLP
 NUMBER OF CLAIMS: 6
 EXEMPLARY CLAIM: 1
 NUMBER OF DRAWINGS: 57 Drawing Figure(s); 92 Drawing Page(s)
 LINE COUNT: 2369
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 10 OF 10 USPATFULL on STN
 TI Fermentative carotenoid production
 AB Novel proteins of Flavobacterium sp. R1534 and the DNA sequences which
 encode these proteins are disclosed which provide an improved
 biosynthetic pathway from farnesyl pyrophosphate and isopentyl
 pyrophosphate to various carotenoid precursors and carotenoids,
 especially β -carotene, lycopene, zeaxanthin and cantaxanthin.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2000:87982 USPATFULL
 TITLE: Fermentative carotenoid production
 INVENTOR(S): Hohmann, Hans-Peter, Freiburg, Germany, Federal
 Republic of
 Pasamontes, Luis, Trimbach, Switzerland
 Tessier, Michel, Mulhouse, France
 van Loon, Adolphus, Rheinfelden, Switzerland
 PATENT ASSIGNEE(S): Roche Vitamins Inc., Parsippany, NJ, United States
 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6087152		20000711
APPLICATION INFO.:	US 1996-660645		19960607 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	EP 1995-108888	19950609
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Wax, Robert A.	
ASSISTANT EXAMINER:	Nashed, Nashaat T.	
LEGAL REPRESENTATIVE:	Johnston, George W., Tramaloni, Dennis P., Ebel, Eileen M.	
NUMBER OF CLAIMS:	73	
EXEMPLARY CLAIM:	61	
NUMBER OF DRAWINGS:	58 Drawing Figure(s); 92 Drawing Page(s)	
LINE COUNT:	2818	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

=> file scisearch, biosis, medline
 COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	36.60	36.81

FILE 'SCISEARCH' ENTERED AT 16:04:19 ON 28 AUG 2006
 Copyright (c) 2006 The Thomson Corporation

FILE 'BIOSIS' ENTERED AT 16:04:19 ON 28 AUG 2006
 Copyright (c) 2006 The Thomson Corporation

FILE 'MEDLINE' ENTERED AT 16:04:19 ON 28 AUG 2006

=> e santi, d/au

E1	29	SANTI W/AU
E2	1	SANTI Y/AU
E3	0 -->	SANTI, D/AU
E4	4	SANTIA C/AU
E5	1	SANTIA E/AU
E6	1	SANTIA EMILIO/AU
E7	1	SANTIA G/AU
E8	1	SANTIA J D/AU
E9	3	SANTIA M/AU
E10	1	SANTIADO R PENA/AU
E11	1	SANTIAG MARGARITA/AU
E12	1	SANTIAGA J T/AU

=> e reid, r/au

E1	4	REID YVONNE/AU
E2	8	REID YVONNE A/AU
E3	0 -->	REID, R/AU
E4	1	REIDA A K/AU
E5	1	REIDA A M/AU
E6	2	REIDA ABIGAIL K/AU
E7	1	REIDA K B M/AU
E8	2	REIDA M K/AU
E9	3	REIDA P/AU
E10	1	REIDA PETER/AU
E11	1	REIDANDERSON A S/AU
E12	1	REIDAR KROG JAN/AU

=> e kodumal, s/au

E1	2	KODUMAL S J/AU
E2	4	KODUMAL SARAH J/AU
E3	0 -->	KODUMAL, S/AU
E4	15	KODUNOV L A/AU
E5	1	KODUNOVA A/AU
E6	1	KODUR/AU
E7	3	KODUR E/AU
E8	4	KODUR V/AU
E9	33	KODUR V K R/AU
E10	2	KODUR V R/AU
E11	2	KODURA A/AU
E12	2	KODURA I/AU

=> e jayaraji, s/au

E1	2	JAYARAJASINGH R/AU
E2	1	JAYARAJASINGH RUBARAJ/AU
E3	0 -->	JAYARAJI, S/AU
E4	1	JAYARAJU B S/AU
E5	11	JAYARAJU D/AU
E6	2	JAYARAJU J/AU
E7	3	JAYARAJU K/AU
E8	1	JAYARAJU M/AU
E9	11	JAYARAJU N/AU
E10	1	JAYARAL M K/AU
E11	50	JAYARAM A/AU
E12	5	JAYARAM A R/AU

d his

(FILE 'HOME' ENTERED AT 15:57:29 ON 28 AUG 2006)

FILE 'MEDLINE, USPATFULL, WPIDS, FSTA, JICST-EPLUS, BIOSIS' ENTERED AT
15:58:16 ON 28 AUG 2006

L1	2756 S	GENE AND POLYKETIDE
L2	790 S L1 AND	(MUTATION)
L3	77 S L2 AND	(SYNTHETIC GENE)
L4	0 S L3 AND	(DELETED RESTRICTION SITE)
L5	31 S L3 AND	(NO RESTRICTION SITE)
L6	0 S L3 AND	(MUTATED RESTRICTION SITE)
L7	27 S L5 AND	(AT OR ACP OR KS OR KR OR DH OR ER OR TE)
L8	10 S L7 AND	(SPEI OR MFEI OR BSI WI)

FILE 'SCISEARCH, BIOSIS, MEDLINE' ENTERED AT 16:04:19 ON 28 AUG 2006

E SANTI, D/AU
E REID, R/AU
E KODUMAL, S/AU
E JAYARAJI, S/AU

Search Forms
Search Results
Help
User Searches
Preferences
Logout

Refine Search

Search Results -

Terms	Documents
L11 and L4	1

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L12

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Monday, August 28, 2006 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

Set Name Query
side by side

Hit Count Set Name
result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

<u>L12</u>	L11 and l4	1	<u>L12</u>
<u>L11</u>	L10 and (Spel)	373	<u>L11</u>
<u>L10</u>	L9 and (AT or CP or KR or KS domain)	6751	<u>L10</u>
<u>L9</u>	L8 and (PKS)	7069	<u>L9</u>

DB=PGPB,USPT; PLUR=YES; OP=OR

<u>L8</u>	L7 and (restriction site)	390472	<u>L8</u>
<u>L7</u>	(synthetic gene production)	1480719	<u>L7</u>
<u>L6</u>	(synthetic gene production)	1480719	<u>L6</u>
<u>L5</u>	Kodumal.in.	2	<u>L5</u>
<u>L4</u>	jayaraj.in.	12	<u>L4</u>

DB=USPT; PLUR=YES; OP=OR

<u>L3</u>	kodumal.in.	0	<u>L3</u>
<u>L2</u>	reid.in.	3974	<u>L2</u>
<u>L1</u>	santi.in.	418	<u>L1</u>

END OF SEARCH HISTORY

Hit List

[First Hit](#) [Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#) [Generate OACS](#)

Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 20040166567 A1

L12: Entry 1 of 1

File: PGPB

Aug 26, 2004

PGPUB-DOCUMENT-NUMBER: 20040166567

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040166567 A1

TITLE: Synthetic genes

PUBLICATION-DATE: August 26, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Santi, Daniel V.	San Francisco	CA	US
Reid, Ralph C.	San Rafael	CA	US
Kodumal, Sarah J.	Oakland	CA	US
Jayaraj, Sebastian	Berkeley	CA	US

US-CL-CURRENT: 435/76; 435/193, 435/252.3, 435/320.1, 435/69.1, 536/23.2

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KMC](#) [Draw Desc](#) [fma](#)

[Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#) [Generate OACS](#)

Terms	Documents
L11 and L4	1

Display Format: [Change Format](#)

[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)

Hit List

[First Hit](#) [Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#) [Generate OACS](#)

Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 20050227316 A1

L5: Entry 1 of 2

File: PGPB

Oct 13, 2005

PGPUB-DOCUMENT-NUMBER: 20050227316

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050227316 A1

TITLE: Synthetic genes

PUBLICATION-DATE: October 13, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Santi, Daniel	San Francisco	CA	US
<u>Kodumal</u> , Sarah J.	Oakland	CA	US
Reid, Ralph C.	San Rafael	CA	US
Patel, Kedar G.	Palo Alto	CA	US

US-CL-CURRENT: [435/69.1](#); [435/193](#), [435/252.3](#), [435/471](#), [536/23.2](#)

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KMC](#) [Draw Desc](#) [Ima](#)

☐ 2. Document ID: US 20040166567 A1

L5: Entry 2 of 2

File: PGPB

Aug 26, 2004

PGPUB-DOCUMENT-NUMBER: 20040166567

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040166567 A1

TITLE: Synthetic genes

PUBLICATION-DATE: August 26, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Santi, Daniel V.	San Francisco	CA	US
Reid, Ralph C.	San Rafael	CA	US
<u>Kodumal</u> , Sarah J.	Oakland	CA	US
Jayaraj, Sebastian	Berkeley	CA	US

US-CL-CURRENT: [435/76](#); [435/193](#), [435/252.3](#), [435/320.1](#), [435/69.1](#), [536/23.2](#)

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KMC](#) [Draw Desc](#) [Ima](#)

[Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#) [Generate OACS](#)

Terms	Documents
Kodumal.in.	2

Display Format:

[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)